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Model #: SM3000RMXL2UTAA

TAA Compliant SmartPro Line Interactive Rackmount UPS System / Precision Protection for Critical Network Applications

Highlights

- Compliant with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases
- SmartPro 3000VA / 3kVA 120V 2U Rack / Tower Line Interactive UPS
- Enhanced power factor supports 2880 watts
- Two individually controllable switched outlets
- 96% line mode efficiency rating
- USB, serial, EPO and SNMP card slot available for simultaneous use
- Input: L5-30P (120V 30A) / Output: 1 L5-30R, 8 5-15/20R
- 2 year warranty / $250,000 Ultimate Lifetime Insurance (USA, Canada and Puerto Rico)

Description

Tripp Lite's SM3000RMXL2UTAA is compliant with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases. 3000VA / 3kVA 120V line interactive 2U rack / tower UPS offers complete network-grade power protection with full support for hot-replacement of separate internal battery and electronics modules. High .96 power factor supports loads up to 2880 watts. High efficiency rating of 96% reduces electrical operating cost and BTU emissions. Supports 120V 60Hz operation. Maintains battery derived sine wave AC output during power failures. Line-interactive dual-boost, single cut automatic voltage regulation (AVR) provides regulated 120V nominal output during brownouts and overvoltages. Includes NEMA L5-30P input plug and 9 UPS-supported output receptacles (8 x 5-15/20R, 1 x L5-30R). Includes two individually controllable switched outlets for advanced remote-reboot and load-shedding applications. Network-grade AC surge and noise suppression. Network management interfaces support simultaneous communications via USB, DB9 serial and card slot for optional SNMPWEBCARD and other card accessories. HID-compliant USB interface enables integration with built-in power management and auto shutdown features of Windows and Mac OS X. Supports detailed monitoring of equipment load levels, self-test data and utility power conditions via all three network interfaces at once. Advanced LED indicators offer 3-stage metering of UPS load and battery charge levels, plus single-LED status indicators for utility power, voltage regulation, on-battery and replace battery. Audible alarms provide notification of on-battery, low-battery and overload conditions. Includes PowerAlert auto-shutdown and management software for complete monitoring, reporting and logging of all site and UPS operational conditions, plus support for advanced configurations involving load-shedding, remote-reboot and redundant dual-UPS applications. Internal batteries offer runtime of 10 minutes half load (1440 watts) and 3 minutes at full load (2880 watts). Runtime is expandable with optional BP48V24-2U (limit 1) and BP48V60RT3U (unlimited) external battery packs. Supports installation in 4 post racks with included accessories. 2 post rackmount, wallmount and tower stand accessories sold separate. 2-year warranty and $250,000 connected equipment insurance; extended warranty and service contracts available.

Applications

Ideal for server, networking and telecommunications applications in rackmount, wallmount or tower format

Package Includes

- UPS power module with internal batteries
- PowerAlert Software with USB, DB9 and EPO cabling
- 4 post rackmount installation accessories
- Owner's manual with warranty information

Features

- Compliant with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases
- 3000VA / 3kVA 120V line interactive 2U rack / tower UPS for networks
- High power factor of .96 offers support for loads to 2880 watts
- High efficiency line power operation of 96% reduces UPS electrical operating cost and BTU emissions
- Supports selectable 120V nominal voltage operation at 60 Hz
- Sine wave AC output in AC and battery modes
- Line interactive UPS with Automatic Voltage Regulation (AVR)
- L5-30P input plug connects to 120V 30A utility receptacle
- Includes 9 UPS supported outlets (8 5-15/20R and 1 L5-30R)
- L5-30R outlet is ideal for the connection of a 120V 30A PDU to distribute the full UPS capacity to rack equipment
- Two designated 5-15/20R outlets are individually controllable to support remote reboot or automated load shedding of less critical items
- Network-grade 570 joule AC surge suppression
- USB, DB9 serial and card-slot accessory are all available for simultaneous use in advanced network configurations
- HID compliant USB interface enables integration with built-in power management and auto shutdown features of Windows and Mac OS X
- Includes PowerAlert auto-shutdown and management software for complete monitoring, reporting and logging of all site and UPS operational conditions, plus support for advanced configurations involving load-shedding, remote-reboot and redundant dual-UPS applications
- Advanced LED indicators offer 3-stage metering of UPS load and battery charge levels, plus single-LED status indicators for utility power, voltage regulation, on-battery and replace battery. Audible alarms provide notification of on-battery, low-battery and overload conditions
- Audible alarms provide notification of on-battery, low-battery and overload conditions
- Internal batteries offer runtime of 10 minutes half load (1440 watts) and 3 minutes at full load (2880 watts)
- Runtime is expandable with optional BP48V24-2U (limit 1) and BP48V60RT3U (no limit) external battery packs
- Supports 4 post rackmount installation with included accessories; add 2POSTRMKITWM for 2 post and wallmount applications; add 2-9USTAND accessory for upright tower support
- 2-year warranty and $250,000 connected equipment insurance; extended warranty and service contracts available

Specifications

OUTPUT	
Output Volt Amp Capacity (VA)	3000
Output kVA capacity (kVA)	3
Output Watt Capacity (watts)	2880
Output kW capacity	2.88
Output power factor	1
Nominal Output Voltage(s) Supported	120V
Frequency compatibility	60 Hz
Output voltage regulation (line mode)	120V (+6%, -14%)
Output voltage regulation (Battery mode)	+/-5%
Built-in UPS output receptacles	8 5-15/20R outlet(s); 1 L5-30R outlet(s)
Built-in controllable switched load banks	Two switchable single outlet 5-15/20R load banks
Output circuit breaker	15A (x2) - 4 5-15/20R outlets each; L5-30R outlet is non-breakered

Basic PDU options	PDU2430 (1U / 24 5-15R outlets)
Metered PDU options	PDUMV30 (0U / 24 5-15/20R outlets)
Switched PDU options	PDUMH30NET (2U / 16 5-15/20R outlets); PDUMV30NET (0U / 24 5-15/20R outlets)
Output AC waveform (AC mode)	Sine wave
Output AC waveform (battery mode)	Pure Sine wave
INPUT	
Rated input current (at maximum load)	24A
Nominal Input Voltage(s) Supported	120V AC
UPS input connection type	L5-30P
UPS Input cord length (ft.)	10 ft.
Recommended Electrical Service	30A 120V
Input cord length (ft.)	10
Input cord length (m)	3
BATTERY	
Full load runtime (minutes)	3 min. (2880w)
Half load runtime (minutes)	10 min. (1440w)
Expandable battery runtime	Extended runtime supported via optional external battery packs
External battery pack compatibility	BP48V24-2U (limit 1); BP48V60RT-3U (multi-pack compatible)
DC system voltage (VDC)	48
Battery recharge rate (included batteries)	Less than 5 hours to 90%
Replacement battery cartridge (internal UPS battery replacement)	RBC58-2U
Battery Access	Front panel battery access door
Battery replacement description	Hot-swappable, replaceable batteries
VOLTAGE REGULATION	
Voltage regulation description	Automatic voltage regulation (AVR) maintains line power operation with an input voltage range of 83 to 147
Overvoltage correction	Input voltages between 127 and 145 are reduced by 12%
Undervoltage correction	Input voltages between 108 and 96 are boosted by 12%

Severe undervoltage correction	Input voltages between 83 and 95 are boosted by 24%
LEDS ALARMS & SWITCHES	
LED Indicators	LEDs indicate line power, power fail, avr, load level and replace battery conditions; includes tri-color LED load and battery charge metering
Alarms	Audible alarm indicates on battery, low battery and overload warnings
Alarm cancel operation	Power-fail alarm can be silenced by pressing the on/test/mute switch
Switches	2 Switches control off/on power status and alarm-cancel/self-test operation, rear panel dipswitch controls low/high charger settings (see manual)
SURGE / NOISE SUPPRESSION	
UPS AC suppression joule rating	570 joules
EMI / RFI AC noise suppression	Yes
AC suppression response time	Instantaneous
PHYSICAL	
Installation form factors supported with included accessories	4 post 19 inch rackmount (mounting rail kit included)
Installation form factors supported with optional accessories	2 post rackmount (2POSTRMKITWM); Wallmount (2POSTRMKITWM); Tower (2-9USTAND)
Primary form factor	Rackmount
UPS / Power Module dimensions in primary form factor (height x width x depth / inches)	3.5 x 17.5 x 19
UPS / Power Module dimensions in primary form factor (height x width x depth / cm)	8.9 x 44.4 x 48.3
Installed whole system total rack space height (rack spaces)	2U
Secondary form factor	Tower (requires 2-9USTAND)
Installed whole system dimensions in secondary form factor (height x width x depth / inches)	17.5 x 3.5 x 19
UPS dimensions in secondary form factor (height x width x depth / cm)	44.4 x 8.9 x 48.3
UPS / Power Module weight (lbs)	64
UPS / Power Module weight (kg)	29.1

UPS Shipping dimensions (height x width x depth / inches)	9 x 23.5 x 20
UPS Shipping dimensions (height x width x depth / cm)	22.9 x 59.7 x 50.8
Shipping weight (lbs)	72
Shipping weight (kg)	32.7
UPS housing material	Steel
Cooling method	Fan
ENVIRONMENTAL	
Operating Temperature Range	+32 to +104 degrees Fahrenheit / 0 to +40 degrees Celsius
Storage Temperature Range	+5 to +122 degrees Fahrenheit / -15 to +50 degrees Celsius
Relative Humidity	0 to 95%, non-condensing
AC mode BTU / hr. (full load)	433
Battery mode BTU / hr. (full load)	1594
COMMUNICATIONS	
Communications interface	USB (HID enabled); DB9 Serial; EPO (emergency power off); Slot for SNMP/Web interface
Network monitoring port description	Supports detailed monitoring of UPS and site power conditions
PowerAlert software	Included
Communications cable	USB, DB9 and EPO cabling included
LINE / BATTERY TRANSFER	
Transfer time	5 ms (line to battery) / 2 ms (battery to line)
Low voltage transfer to battery power (setpoint)	83
High voltage transfer to battery power (setpoint)	145
SPECIAL FEATURES	
Cold Start (startup in battery mode during a power failure)	Cold-start operation supported
High availability UPS features	Hot swappable batteries
Green & high efficiency features	Greater than 95% efficiency - GREEN UPS; Individually controllable load banks
CERTIFICATIONS	
UPS Certifications	Tested to UL1778 (USA); Tested to CSA (Canada); Tested to NOM (Mexico); Meets FCC Part 15 Category A (EMI); ROHS (Restriction of Hazardous Substances); TAA Compliant
WARRANTY	

Product Warranty Period (U.S., Canada & Puerto Rico)	2-year limited warranty
Connected Equipment Insurance (U.S., Canada & Puerto Rico)	$250,000 Ultimate Lifetime Insurance

Related Items

Optional Products

Product Type	Related Model	Description	Qty.
Cables and Accessories	U022-010	10-ft. USB2.0 A/B Gold Device Cable (A Male to B Male)	1
Extended Warranties	WEXT3-2200-3000	3-Year Extended Warranty - For Smart Line-Interactive and Online Tower or Rack models, 2200-3000VA	1
Extended Warranties	WEXT5-2200-3000	5-Year Extended Warranty - For Smart Line-Interactive and Online Tower or Rack models, 2200-3000VA or less	1
External Battery Packs	BP48V24-2U	BP48V242U - External Battery Pack for UPS System	1
External Battery Packs	BP48V242UTAA	TAA Compliant External Battery Pack for select UPS Systems	1
External Battery Packs	BP48V60RT-3U	External Battery Pack and Cable. 3U, Expandable, Blue 2-Point Connector	1
External Battery Packs	BP48V60RT3UTAA	TAA Compliant External Battery Pack and Cable. 3U, Expandable, Blue 2-Point Connector	1
Power Distribution	PDU1220	Basic PDU / Power Distribution Unit - Safe, reliable power distribution for critical networking equipment	1
Power Distribution	PS7224-20	Tripp Lite Power Strip - Multiple outlets wherever you need them	1
Rack Accessories	SRSWITCH	Magnetic Door Switch Kit (2-pack for front and rear doors; requires ENVIROSENSE.)	1
Rackmount/Wallmount Kits	2POSTRMKITWM	Enables 2-Post Rackmount or Wallmount Installation of Select Rackmount UPS Systems	1
SNMP Accessories	ENVIROSENSE	Monitors temperature, humidity and contact-closure inputs. (Requires SNMPWEBCARD or switched PDU.)	1
SNMP Accessories	SNMPWEBCARD	For remote monitoring and control via SNMP, Web, or Telnet.	1
Surge Protectors	DNET1	Network Surge Suppressor - Essential protection for data and communication lines	1
Surge Protectors	DTEL2	Network Surge Suppressor - Essential protection for data and communication lines	1
Tower Stands	2-9USTAND	Enables Tower Placement of Rackmount UPS Systems	1

More information, including related products, owner's manuals, and additional technical specifications, can be found online at www.tripplite.com/en/products/model.cfm?txtModelID=4407.

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